



Georgia Masonry Supply

AN Oldcastle COMPANY

Plant: Georgia Masonry Supply

Job No. 10-36

Report Date: 4/20/2010

Unit ID: 12x8x16 Regular Normal Weight

## Concrete Masonry Unit Testing

### Absorption and Density

Specimen No	1	2	3	Average
Received Weight, lbs	55.46	55.62	56.36	55.81
Width, inches	11.62	11.62	11.62	11.62
Height, inches	7.63	7.62	7.62	7.62
Length, inches	15.63	15.63	15.63	15.63
Immersed weight, lbs	31.79	32.04	32.47	32.10
Saturated weight, lbs	56.74	56.94	57.45	57.04
Dry weight, lbs	53.12	53.33	53.86	53.44
Absorption, %	6.8	6.8	6.7	6.8
Absorption, pcf	9.1	9.0	9.0	9.0
Density, pcf	132.9	133.6	134.5	133.7

### Dimensions

Specimen No	1	2	3	Average
Minimum Face Shell Thickness, inches	1.57	1.55	1.56	1.56
Minimum Web Thickness, inches	1.3	1.3	1.3	1.3
Equivalent Web Thickness, inches	3.4	3.4	3.4	3.4
Equivalent Thickness, inches	5.8	5.8	5.8	5.8

### Compressive Strength

Specimen No	4	5	6	Average
Received Weight, lbs	55.46	55.96	56.35	55.92
Gross Area, sqin	181.5	181.5	181.5	181.5
Average Net Area, sqin	90.6	90.6	90.6	90.6
Load, lbs	230760	245110	239870	238580
Gross Area Compressive Strength, psi	1270	1350	1320	1310
Net Area Compressive Strength, psi	2550	2710	2650	2640

These results comply with the compressive strength, absorption and dimensional requirements of ASTM C90. Tests were performed in accordance with ASTM C140.

Submitted by,

Alan Kramer  
Quality Manager  
Georgia Masonry Supply